Steve Sisolak
Governor

Richard Whitley
Director

State of Nevada
Department of Health and Human Services

Update Concerning the Status of COVID-19 in Nevada

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12/03/2020

Helping people. It's who we are and what we do.

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COVID-19 By The Numbers

COVID-19 (Coronavirus) in Nevada

For questions, please contact the DHHS Office of Analytics by emailing data@dhhs.nv.gov.

Data are as of 12/2/2020

Current Status indicators are summarized below. Due to reporting delay, testing measures are considered over a 14-day period with a 7-day lag. This means that the most recent 7-day period is not included in the evaluation period to account for data completeness. Daily new cases and deaths are displayed as 14-day moving averages. Cases and deaths per 100,000 are displayed for the most recent 30-day period and cumulatively. In the maps below, counties with higher rates are shaded darker.
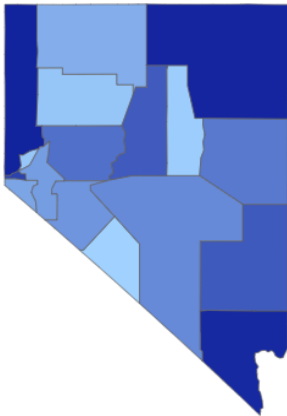
Cases

1,718
14-day rolling average cases daily

1,633
cases per 100,000 over the last 30 days

156,996
cumulative cases

4,841
cumulative cases per 100,000

Deaths

13
14-day rolling average deaths daily

11
deaths per 100,000 over the last 30 days

2,201
cumulative deaths
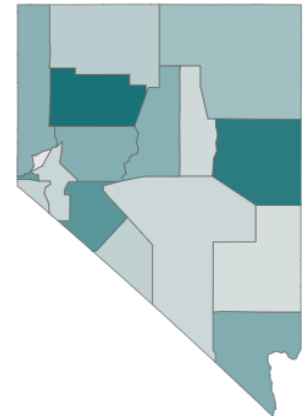
70
cumulative deaths per 100,000

Testing

476
tests/day per 100,000 over the last 14 days

17.6%
test positivity rate over the last 14 days
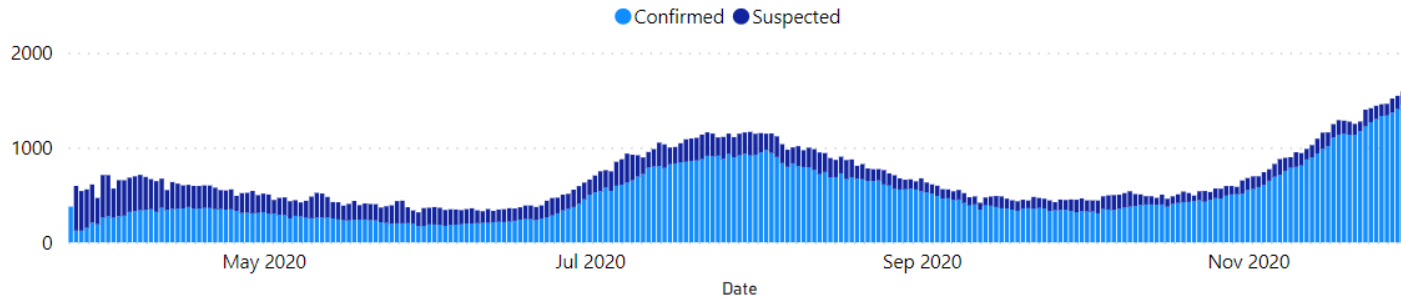
1,664,999
cumulative tests

Nevada is now experiencing increases in cases, hospitalizations, and deaths.

Daily new cases are now regularly higher than previous peak dates in July/August.

Regionally, Nevada is outpacing Arizona and California in cases per 100,000.
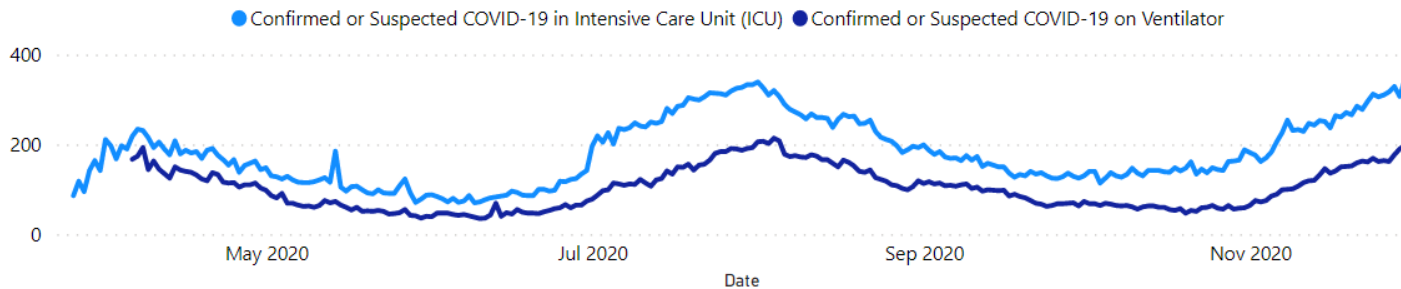
COVID-19 By The Numbers

Confirmed and Suspected Hospitalizations

● Confirmed ● Suspected

Confirmed and Suspected Intensive Care Unit (ICU) and Ventilator Utilization

● Confirmed or Suspected COVID-19 in Intensive Care Unit (ICU) ● Confirmed or Suspected COVID-19 on Ventilator

Percent Change in Hospitalizations		
Date	Confirmed	Confirmed + Suspected
12/1/2020	3.7%	4.0%
11/30/2020	3.8%	2.8%
11/29/2020	2.6%	1.8%
11/28/2020	2.3%	3.9%
11/27/2020	0.4%	0.3%
11/26/2020	2.6%	1.1%
11/25/2020	2.4%	1.8%
11/24/2020	3.5%	1.1%
11/23/2020	4.3%	9.8%
11/22/2020	3.6%	2.0%
11/21/2020	-0.1%	-1.9%
11/20/2020	-0.9%	-0.8%
11/19/2020	0.7%	-0.4%
11/18/2020	2.8%	3.4%
11/17/2020	8.9%	7.5%
11/16/2020	3.2%	0.2%
11/15/2020	4.9%	5.9%
11/14/2020	4.6%	6.6%

Nevada data are outpacing modeling forecasts for general hospitalizations, but not for critical care hospitalizations.

Northern Nevada

Confirmed and Suspected Hospitalizations

● Confirmed ● Suspected
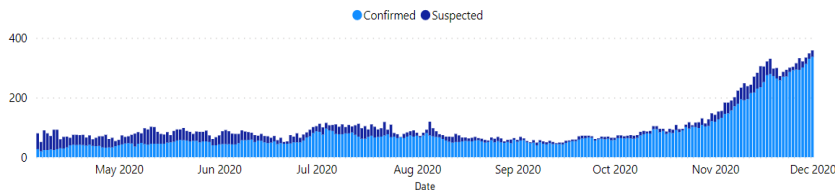
Southern Nevada

Confirmed and Suspected Hospitalizations

● Confirmed ● Suspected
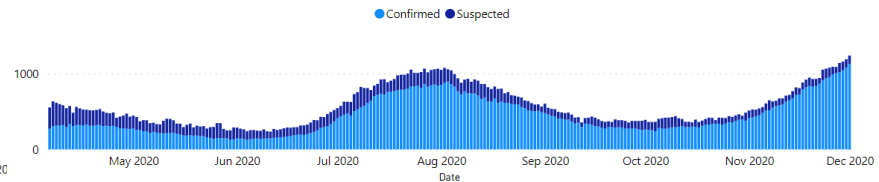
COVID-19 By The Numbers

14-Day Test Positivity Rate and WHO Goal by Specimen Collection Date

● WHO Goal ● 14-Day Test Positivity Rate (new)
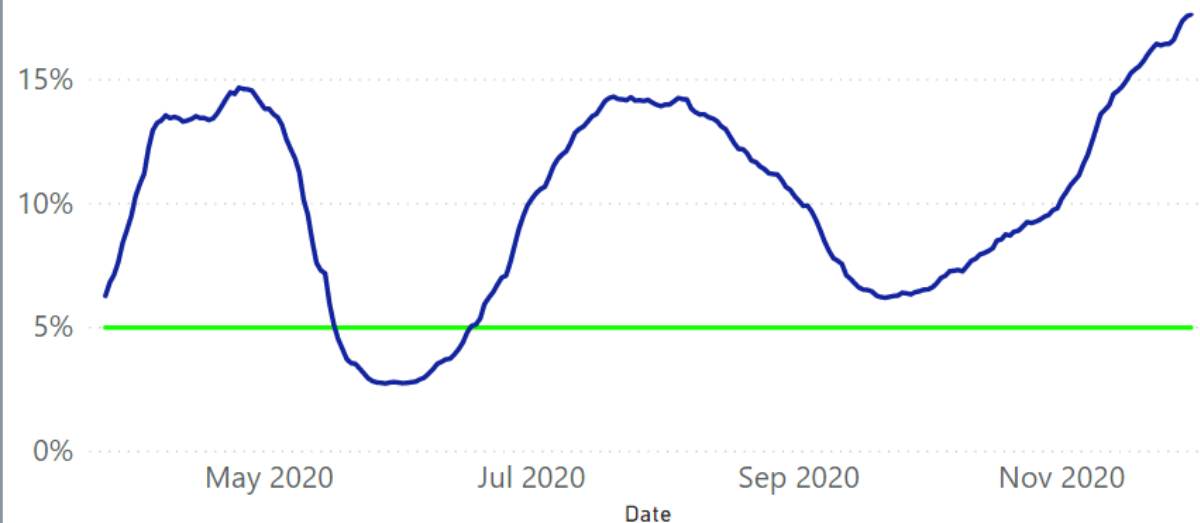
17.6%
test positivity rate
over the last 14 days

Percent Change

Date	14-day Test Positivity Rate	Percent Change
12/01	17.6%	0.5%
11/30	17.6%	1.0%
11/29	17.4%	2.1%
11/28	17.0%	2.4%
11/27	16.6%	1.0%
11/26	16.5%	0.1%
11/25	16.4%	0.3%
11/24	16.4%	-0.4%
11/23	16.4%	1.2%
11/22	16.3%	1.4%
11/21	16.0%	1.7%
11/20	15.8%	1.4%

The current 14-day test positivity rate is the highest we have seen to-date, at 17.6%.

This implies wide community spread and potentially many more undiagnosed cases in the community.

COVID-19 Testing Turnaround

	CPL	LABCORP	NSPHL	Other	QUEST	RRMC	SOUTHERN	UMC	Total
Carson City	-	3	5	2	5	2	3	2	4
Churchill	-	3	5	3	6	2	-	2	4
Clark	2	3	7	2	4	2	4	2	2
Douglas	-	3	3	2	3	2	6	3	3
Elko	-	3	6	1	6	1	6	2	3
Esmeralda	-	4.5	-	1	5	1	4.5	2	4
Eureka	-	3	-	-	4	1	6	2	3
Humboldt	-	4	6	3	5	2	-	2	4
Lander	-	3	6	2.5	5	1	-	2.5	5
Lincoln	-	2.5	5.5	2	6	-	1.5	2	2
Lyon	-	3	5	2	3	2	3	1	3
Mineral	-	3	5	3	6	1	-	1	4.5
Nye	4	3	7	2	3	1	4	2	3
Pershing	-	4	6	3	3.5	1	-	1	6
Storey	-	2	4	-	3	2	-	-	4
Washoe	-	3	3	3	3	2	4	2	3
White Pine	-	2	8	1	6	1.5	6	1	6
Total	2	3	5	2	4	2	4	2	3

Median Time from Specimen Collection to Report, By County and Lab

For Specimens collected November 1st – current, as of 12/02, it has taken approximately 3 days after specimen collection for results to be reported.

Differences across different counties and laboratories are displayed in the table above.

COVID-19 Testing Turnaround

Proportion of Tests — Days Between Specimen Collection and Reporting

Bar chart values: 0: 0%, 1: 15%, 2: 34%, 3: 24%, 4: 10%, 5: 7%, 6: 5%, 7: 2%, 8: 1%, 9: 0%, 10–31: 0%
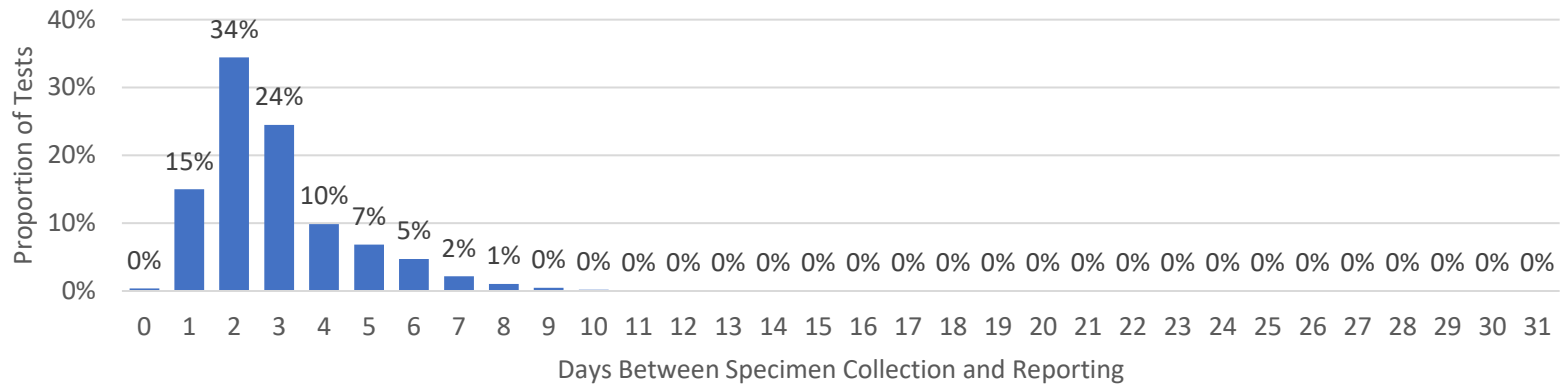
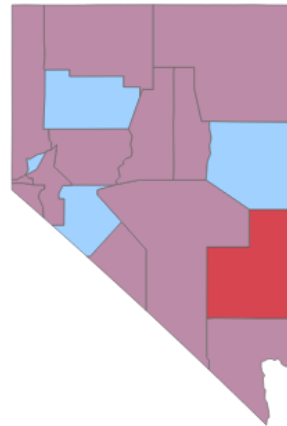| Days	Carson City	Churchill	Clark	Douglas	Elko	Esmeralda	Eureka	Humboldt	Lander	Lincoln	Lyon	Mineral	Nye	Pershing	Storey	Washoe	White Pine	Total
Distribution of the Number of Days between Specimen Collection to Report, By County																		
0	0%	0%	0%	1%	2%	1%	0%	2%	0%	9%	1%	0%	0%	0%	0%	1%	1%	0%
1	4%	6%	15%	10%	3%	5%	4%	5%	2%	29%	17%	2%	9%	5%	7%	18%	1%	15%
2	12%	16%	38%	19%	23%	10%	16%	10%	5%	40%	26%	10%	21%	4%	24%	27%	26%	34%
3	20%	23%	25%	36%	23%	20%	69%	14%	10%	11%	23%	10%	38%	17%	12%	25%	12%	24%
4	19%	16%	8%	12%	17%	16%	8%	22%	13%	4%	15%	28%	16%	4%	44%	13%	4%	10%
5	18%	20%	5%	16%	11%	39%	2%	8%	23%	0%	6%	19%	8%	15%	8%	10%	2%	7%
6	20%	13%	4%	5%	15%	1%	1%	20%	30%	3%	7%	21%	4%	24%	4%	3%	13%	5%
7	2%	4%	2%	1%	3%	8%	0%	16%	14%	2%	4%	10%	3%	15%	1%	2%	6%	2%
8	5%	0%	1%	0%	3%	0%	0%	1%	2%	1%	1%	0%	0%	14%	1%	0%	23%	1%
9	1%	0%	1%	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
10	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%	0%	0%	0%
11	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%
12	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
13	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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Specimens collected November 1st – current, as of 12/02

COVID-19 County Tracker

County Tracker: Nevada's counties are diverse in so many ways and have been impacted by COVID-19 differently. In order to ensure that each county is assessed for elevated disease transmission this tracker will be updated daily. Monday snapshots are used for discussion in COVID-19 Mitigation and Management Task Force meetings. **A county is flagged for elevated disease transmission if it meets two of the three criteria:**

1. **Average number of tests per day (per 100,000) < 100.** The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.

2. **Cases (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.

3. **Cases (per 100,000) > 50 AND testing positivity > 8.0%.** The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.

Map shading is based on the number of criteria met. Hover your cursor over a county to display more data.

County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Cases per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	641	2,483	21.2%
Churchill	594	1,843	16.5%
Clark	379	1,134	14.7%
Douglas	131	642	16.4%
Elko	283	1,437	21.3%
Esmeralda	191	616	23.1%
Eureka	113	407	12.9%
Humboldt	210	1,301	28.1%
Lander	294	1,017	17.8%
Lincoln	47	462	35.3%
Lyon	193	900	21.0%
Mineral	846	1,294	5.6%
Nye	140	555	24.1%
Pershing	416	445	6.9%
Storey	45	67	7.1%
Washoe	421	1,802	18.9%
White Pine	1,067	1,134	5.7%

COVID-19 County Tracker

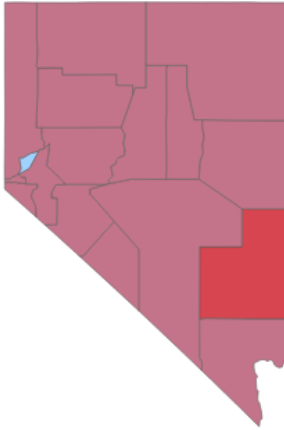**County Tracker:** Nevada's counties are diverse in so many ways and have been impacted by COVID-19 differently. In order to ensure that each county is assessed for elevated disease transmission this tracker will be updated daily. Monday snapshots are used for discussion in COVID-19 Mitigation and Management Task Force meetings. **A county is flagged for elevated disease transmission if it meets two of the three criteria:**

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Map shading is based on the number of criteria met. Hover your cursor over a county to display more data.

County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Cases per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	648	2,688	16.8%
Churchill	530	2,156	18.3%
Clark	478	1,405	15.6%
Douglas	150	986	24.8%
Elko	301	1,835	26.0%
Esmeralda	345	1,027	21.3%
Eureka	102	509	10.7%
Humboldt	275	1,676	35.6%
Lander	421	1,768	20.7%
Lincoln	84	635	62.3%
Lyon	203	1,030	19.7%
Mineral	1,037	2,171	9.4%
Nye	140	669	21.8%
Pershing	539	1,092	13.3%
Storey	101	134	3.2%
Washoe	471	2,095	19.9%
White Pine	1,143	2,088	9.6%

These data include prison cases. We can adjust this to exclude prisons upon request. A preliminary analysis was done, and results did change significantly for 5 counties, but not significant enough to bring them out of an elevated transmission status.

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COVID-19 County Tracker

Testing per day per 100,000:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

| Testing per Day per 100,000 | Cases per 100,000 | Test Positivity Rate |

Average Number of Tests per Day per 100,000: Threshold < 100, measured as a 14-day average with a 7-day lag

	8/26/2020	8/31/2020	9/7/2020	9/14/2020	9/21/2020	9/28/2020	10/5/2020	10/12/2020	10/19/2020	10/26/2020	11/2/2020	11/9/2020	11/16/2020	11/23/2020	11/30/2020
Carson City	233	310	260	264	352	413	465	280	306	359	362	388	446	641	648
Churchill	180	158	99	144	292	343	289	300	345	309	238	302	508	594	530
Clark	236	227	207	210	208	199	211	214	215	248	274	282	307	379	478
Douglas	115	94	75	78	86	85	99	148	145	109	123	125	152	131	150
Elko	120	105	85	112	154	160	199	230	234	247	290	275	246	283	301
Esmeralda	59	59	73	125	132	81	81	88	44	66	110	125	81	191	345
Eureka	120	109	58	432	494	105	54	62	36	33	15	62	120	113	102
Humboldt	65	63	66	69	75	70	75	90	97	109	110	100	126	210	275
Lander	92	89	235	248	145	161	282	340	340	387	393	349	297	294	421
Lincoln	95	41	71	59	95	113	54	41	154	184	81	32	41	47	84
Lyon	68	72	59	64	88	95	95	106	110	124	133	137	169	193	203
Mineral	236	321	420	326	426	280	197	226	113	160	277	301	511	846	1,037
Nye	69	73	62	65	63	49	52	55	51	62	83	99	120	140	140
Pershing	428	441	264	253	418	373	340	328	521	566	1157	1538	970	416	539
Storey	11	11	8	19	29	22	27	32	42	48	24	29	48	45	101
Washoe	159	155	140	165	191	208	233	237	260	296	301	312	356	421	471
White Pine	507	466	405	557	482	520	665	671	435	244	469	783	536	1,067	1,143

Carson City	Churchill	Clark	Douglas	Elko	Esmeralda	Eureka	Humboldt	Lander

Lincoln	Lyon	Mineral	Nye	Pershing	Storey	Washoe	White Pine

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COVID-19 County Tracker

Case Rate per 100,000:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

Testing per Day per 100,000	Cases per 100,000	Test Positivity Rate

Case Rate per 100,000: Threshold case rate > 200 per 100,000, measured over the previous 30 days

	8/26/2020	8/31/2020	9/7/2020	9/14/2020	9/21/2020	9/28/2020	10/5/2020	10/12/2020	10/19/2020	10/26/2020	11/2/2020	11/9/2020	11/16/2020	11/23/2020	11/30/2020
Carson City	260	218	184	198	210	230	242	253	424	555	745	1,172	2,108	2,483	2,688
Churchill	305	274	186	155	120	155	201	201	236	290	518	920	1,461	1,843	2,156
Clark	651	574	490	390	314	302	315	356	421	490	559	701	865	1,134	1,405
Douglas	93	76	70	64	83	89	123	167	179	197	264	362	447	642	986
Elko	444	393	362	233	158	178	182	256	396	513	682	922	1,095	1,437	1,835
Esmeralda	0	0	0	0	0	0	0	0	0	0	0	0	513	616	1027
Eureka	51	102	203	203	203	153	0	0	0	0	51	203	254	407	509
Humboldt	117	158	82	70	59	100	100	147	182	211	275	264	387	1,301	1,676
Lander	183	133	200	233	150	117	233	300	400	517	434	417	617	1,017	1,768
Lincoln	58	38	19	0	0	0	0	154	327	346	481	327	500	462	635
Lyon	107	110	126	128	140	152	133	205	231	276	316	460	702	900	1,030
Mineral	110	373	460	482	351	197	88	22	22	241	329	504	636	1,294	2,171
Nye	229	174	117	63	35	29	37	49	74	170	237	407	518	555	669
Pershing	57	72	72	29	14	14	14	29	57	86	72	72	287	445	1,092
Storey	0	0	0	0	0	0	22	45	22	67	22	22	67	67	134
Washoe	335	292	299	278	316	397	412	463	545	612	783	1,025	1,372	1,802	2,095
White Pine	132	123	198	255	246	331	302	340	378	406	397	718	935	1,134	2,088

Carson City   Churchill   Clark   Douglas   Elko   Esmeralda   Eureka   Humboldt   Lander

Lincoln   Lyon   Mineral   Nye   Pershing   Storey   Washoe   White Pine

COVID-19 County Tracker

Test Positivity Rate:

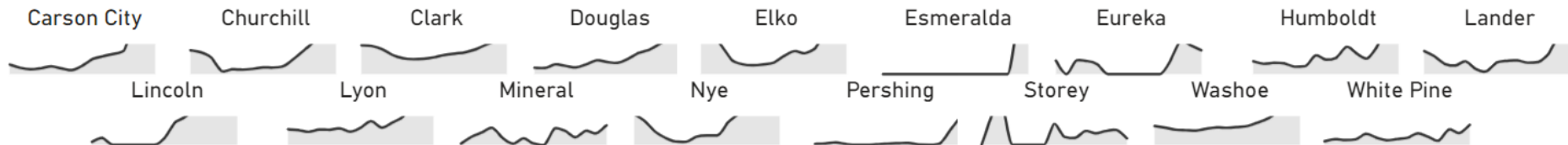Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

Testing per Day per 100,000	Case Rate per 100,000	Test Positivity Rate

Test Positivity Rate: Threshold > 8%, measured over a 14-day period with a 7-day lag

	8/26/2020	8/31/2020	9/7/2020	9/14/2020	9/21/2020	9/28/2020	10/5/2020	10/12/2020	10/19/2020	10/26/2020	11/2/2020	11/9/2020	11/16/2020	11/23/2020	11/30/2020
Carson City	4.3%	2.8%	2.2%	2.6%	3.5%	2.5%	1.8%	3.8%	6.8%	8.1%	9.1%	10.6%	23.6%	21.2%	16.8%
Churchill	10.7%	9.8%	7.5%	1.3%	2.2%	2.0%	2.4%	3.0%	3.0%	3.7%	7.1%	11.0%	14.8%	16.5%	18.3%
Clark	13.0%	12.6%	11.2%	8.6%	7.1%	6.7%	6.9%	7.6%	8.6%	9.2%	9.8%	11.1%	13.2%	14.7%	15.6%
Douglas	2.9%	2.8%	4.4%	3.7%	3.0%	4.4%	6.2%	5.5%	5.1%	6.9%	9.5%	10.9%	13.4%	16.4%	24.8%
Elko	16.8%	17.9%	12.6%	6.2%	4.4%	4.0%	4.4%	5.2%	8.2%	10.3%	9.4%	11.7%	18.6%	21.3%	26.0%
Esmeralda	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	23.1%	21.3%
Eureka	6.1%	0.0%	6.3%	5.9%	4.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	15.2%	12.9%	10.7%
Humboldt	5.8%	4.7%	5.1%	4.8%	3.4%	3.6%	8.4%	6.5%	7.4%	12.3%	9.1%	7.1%	12.9%	28.1%	35.6%
Lander	10.4%	8.0%	4.6%	3.8%	5.7%	2.2%	1.3%	5.3%	6.0%	6.2%	5.2%	5.5%	9.2%	17.8%	20.7%
Lincoln	1.4%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	10.7%	13.4%	18.6%	30.4%	46.7%	35.3%	62.3%
Lyon	7.4%	7.1%	6.3%	7.4%	7.3%	7.9%	6.3%	8.2%	11.4%	8.2%	10.5%	13.2%	19.0%	21.0%	19.7%
Mineral	0.7%	3.9%	6.0%	8.2%	3.3%	0.6%	3.2%	0.7%	0.0%	7.8%	6.8%	3.6%	6.7%	5.6%	9.4%
Nye	14.7%	11.4%	6.4%	3.4%	1.6%	1.5%	4.0%	4.5%	4.6%	10.6%	14.6%	18.3%	21.7%	24.1%	21.8%
Pershing	0.5%	0.7%	1.2%	0.4%	0.0%	0.0%	0.3%	0.6%	0.8%	0.9%	0.2%	0.0%	0.6%	6.9%	13.3%
Storey	0.0%	14.3%	20.0%	0.0%	0.0%	0.0%	0.0%	10.0%	3.8%	3.3%	6.7%	5.6%	6.7%	7.1%	3.2%
Washoe	9.1%	8.3%	7.3%	7.0%	6.9%	7.8%	8.4%	8.2%	8.5%	9.1%	10.8%	12.8%	16.2%	18.9%	19.9%
White Pine	1.7%	2.7%	2.3%	2.7%	5.3%	3.5%	2.2%	2.8%	3.4%	5.5%	3.9%	2.1%	7.4%	5.7%	9.6%

Carson City   Churchill   Clark   Douglas   Elko   Esmeralda   Eureka   Humboldt   Lander

Lincoln   Lyon   Mineral   Nye   Pershing   Storey   Washoe   White Pine

COVID-19 County Tracker (Comparison)

Data as of 12/02/2020

County Tracker Results Comparison, with and without the inclusion of prison inmate-related testing encounters

Current Methodology				
County	Testing*	Case Rate†	Test Positivity‡	Score
Carson City	454	3,155	20.2%	2
Churchill	495	2,211	19.4%	2
Clark	498	1,514	16.0%	2
Douglas	207	1,016	26.0%	2
Elko	306	1,895	28.2%	2
Esmeralda	433	1,232	13.6%	2
Eureka	236	509	9.2%	2
Humboldt	338	2,245	36.9%	2
Lander	521	2,001	19.5%	2
Lincoln	92	904	65.7%	3
Lyon	206	1,078	19.9%	2
Mineral	998	2,236	11.6%	2
Nye	141	696	22.3%	2
Pershing	534	1,163	11.5%	2
Storey	110	134	4.3%	-
Washoe	475	2,181	20.2%	2
White Pine	1,044	2,192	10.2%	2

Excluding Prison Inmate-Related Testing Encounters				
County	Testing*	Case Rate†	Test Positivity‡	Score
Carson City	357	2,135	21.9%	2
Churchill	482	2,154	19.4%	2
Clark	490	1,509	16.2%	2
Douglas	203	1,003	26.2%	2
Elko	314	1,940	28.2%	2
Esmeralda	439	1,251	13.6%	2
Eureka	263	566	9.2%	2
Humboldt	347	2,306	36.9%	2
Lander	519	1,981	19.3%	2
Lincoln	102	999	65.2%	2
Lyon	211	1,044	19.9%	2
Mineral	1,004	2,250	11.6%	2
Nye	147	728	22.3%	2
Pershing	774	1,667	11.5%	2
Storey	112	136	4.3%	-
Washoe	487	2,233	20.2%	2
White Pine	429	1,292	9.5%	2

Difference				
County	Testing*	Case Rate†	Test Positivity‡	Score
Carson City	-21%	-32%	8%	-
Churchill	-3%	-3%	0%	-
Clark	-2%	0%	1%	-
Douglas	-2%	-1%	1%	-
Elko	3%	2%	0%	-
Esmeralda	1%	2%	0%	-
Eureka	11%	11%	0%	-
Humboldt	3%	3%	0%	-
Lander	0%	-1%	-1%	-
Lincoln	11%	11%	-1%	1
Lyon	2%	-3%	0%	-
Mineral	1%	1%	0%	-
Nye	4%	5%	0%	-
Pershing	45%	43%	0%	-
Storey	1%	1%	-1%	-
Washoe	3%	2%	0%	-
White Pine	-59%	-41%	-7%	-

*Average Number of Tests Per Day (per 100,000)

†Cases (per 100,000)

‡Total number of positive molecular tests divided by the total number of molecular tests conducted multiplied by 100.

Counties that have relatively high increases in testing and case rates after excluding prison inmate populations are due to having few to zero COVID-19 positive inmates. Since the number of tests and/or cases remain relatively constant and the population size (denominator) is smaller without the inmate population, we would expect to see increases in testing and case rates.

Discussion

To request additional data, email the DHHS Office of Analytics at
data@dhhs.nv.gov